

500	THYROID HORMONE TESTS (E.G., T₃, T₄, TBG, TSH, ETC.)	534	...Carrier is water suspendible particles
501	BIOSPECIFIC LIGAND BINDING ASSAY	535	..Antigen or antibody entrapped within the carrier (e.g., gel, hollow fiber, etc.)
503	.Utilizing isolate of tissue or organ as binding agent	536	INVOLVING IMMUNE COMPLEX FORMED IN LIQUID PHASE
504	..Radioactive label	537	.Signal modification or steric inhibition
505	...B ₁₂ or folate	538	.Separation of immune complex from unbound antigen or antibody
506	FOR PREEXISTING IMMUNE COMPLEX OR AUTO-IMMUNE DISEASE	539	..Involving precipitating reagent
507	.Immune complex	540	...Double or second antibody
508	.Antinuclear (e.g., DNA, etc.)	541	..Absorbent column, particles or resin strip
509	.Rheumatoid factors	542	..Involving radioactive labeling
510	IMMUNOCHEMICAL PREGNANCY DETERMINATION	543	INVOLVING PRODUCING OR TREATING ANTIGEN OR HAPTEN
512	INVOLVING ANTIBODY FRAGMENTS	544	.Producing labeled antigens
513	INVOLVING IGA, IGD, IGE, OR IGM	545	..Radioactive label
514	INVOLVING DIFFUSION OR MIGRATION OF ANTIGEN OR ANTIBODY	546	..Fluorescent label
515	.Through a gel (e.g., Ouchterlony technique, etc.)	547	INVOLVING PRODUCTION OR TREATMENT OF ANTIBODY
516	..Immunoelectrophoresis	548	.Monoclonal antibody
517	INVOLVING KINETIC MEASUREMENT OF ANTIGEN-ANTIBODY REACTION	1	PROCESS OR COMPOSITION FOR STERILITY OR PACKAGE INTEGRITY TEST
518	INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING IMMUNOCHEMICALS	2	PROCESS OR COMPOSITION FOR DETERMINATION OF PHYSICAL STATE OR PROPERTY BY MEANS INCLUDING A CHEMICAL REACTION
519	.Carrier is a biological cell or cell fragment	3	.Leak detection
520	..Red blood cell	4	.Of crystal or crystalline material
521	...Fixation or stabilization of red blood cells	5	.Surface area, porosity, imperfection, or alteration
522	...Lysis of red blood cell membrane	6	.Corrosion resistance or power
523	.Carrier is particulate and the particles are of intentionally different sizes or impregnated differently with the immunochemicals	7	.By thermoparticulating composition
524	.Carrier is inorganic	8	COMPOSITION FOR STANDARDIZATION, CALIBRATION, SIMULATION, STABILIZATION, PREPARATION OR PRESERVATION; PROCESSES OF USE IN PREPARATION FOR CHEMICAL TESTING
525	..Metal or metal coated	9	.Simulative of a gaseous composition
526	...Magnetic	10	.Particle count or volume standard or control (e.g., platelet count standards, etc.)
527	..Glass or silica	11	.Blood gas standard or control
528	.Carrier is organic		
529	..Polysaccharide, carrier (e.g., dextran, etc.)		
530	...Cellulose or derivative		
531	..Carrier is synthetic resin		
532	...Antigen or antibody attached to a carrier via bridging agent		
533Carrier is water suspendible particles (e.g., latex, etc.)		

12	.Bilirubin or uric acid standard or control	47	.With conveyance of sample along a test line in a container or rack
13	.Lipid, cholesterol, or triglyceride standard or control	48	..With step of insertion or removal from test line
14	.Glucose, ketone, nitrate standard or control	49	..With treatment or replacement of aspirator element (e.g., cleaning, etc.)
15	.Protein or peptide standard or control (e.g., hemoglobin, etc.)	50	.Condition or time responsive
16	.Blood serum or blood plasma standard or control	51	..With automated titrator
17	.Preparation composition (e.g., lysing or precipitation, etc.)	52	.With a continuously flowing sample or carrier stream
18	.Preservative, buffer, anticoagulant or diluent	53	..With formation of a segmented stream
19	.Inorganic standards or controls	54	.With aspirator of claimed structure
20	FOOD OR DAIRY PRODUCTS	55	CONDITION RESPONSIVE CONTROL
21	.Meat or eggs	56	TRACERS OR TAGS
22	.Dairy product	57	INCLUDING USE OF RADIOACTIVE PROPERTIES
23	..Milk or butter fat	58	.Dosage determination of high energy radiation, (e.g., use of an X-ray dosimeter, etc.)
24	.Wine or alcoholic beverages	59	.Including pyrolysis of radioactive material
25	GEOCHEMICAL, GEOLOGICAL, OR GEOTHERMAL EXPLORATION	60	LUBRICANT, GREASE, MINERAL OIL, HYDROCARBON OIL PRODUCT, OR FATS OR LIPIDS FOR OXIDATION (E.G., BREAKDOWN PRODUCTS OR CONTAMINATION, ETC.)
26	.For metallic ores	61	.Acidity, basicity or neutralization number
27	.Using chemical tracers	62	OXYGEN DEMAND (E.G., BOD, TOD, COD, ETC.)
28	.In situ testing	63	BIOLOGICAL CELLULAR MATERIAL TESTED
29	.For petroleum oils or carbonaceous minerals	64	CANCER
30	..Removing and testing drilling mud or fluid	65	PREGNANCY OR OVULATION
31	..Removing and testing solid samples	66	HEMOGLOBIN, MYOGLOBIN, OR OCCULT BLOOD
32	...Analyzing evolved gas	67	.Glycosylated hemoglobin
33Evolving gas by acidification	68	BLOOD GAS (E.G., OXYGEN, CARBON DIOXIDE, BLOOD, PH, ETC.)
34	RATE OF REACTION DETERMINATION	69	CLOTTING OR CLOTTING FACTOR LEVEL TESTS
35	USING ACTIVATED SPECIE	70	SEDIMENTATION RATE OR HEMATOCRIT
36	WITH USE OF CONDENSATION NUCLEI	71	LIPIDS, TRIGLYCERIDES, CHOLESTEROL, OR LIPOPROTEINS
37	TESTING OF CATALYST	72	SILICON CONTAINING
38	PURITY OF STEAM OR CHEMICALLY INERT GAS	73	METAL OR METAL CONTAINING
39	DETERMINATION OF WATER	74	.Present in biological fluids (e.g., blood, urine, etc.)
40	.In petroleum oil, hydrocarbon oil or organic fluid		
41	.By use of a cobalt, copper or nickel containing reagent		
42	.By use of a Karl Fischer reagent		
43	AUTOMATED CHEMICAL ANALYSIS		
44	.Utilizing a moving indicator strip or tape		
45	.Utilizing a centrifuge or compartmented rotor		
46	.With sample on test slide		

75	.Oxide or gas content of metal (e.g., determination of dissolved gases, etc.)	110	.Nitrite or nitrate
76	.Organometallic compound determined	111	.Amine and quaternary ammonium
77	..Ge, Sn, Pb	112	..Tertiary amine
78	.Presence of a component of steel	113	..Ammonia
79	.Li, Na, K, Rb, Cs, Fr, Be, Mg, Ca, Sr, Ba, Ra	114	.Total nitrogen determined
80	.Cu, Ag, Au	115	..As part of an elemental analysis
81	.Zn, Cd, Hg, Sc, Y, or Actinides, or Lanthanides	116	.Oxides of nitrogen
82	..Lanthanide or Actinide	117	..Only nitrogen dioxide
83	.Ti, Zr, Hf, Va, Nb, Ta, Cr, Mo, W	118	..Both nitrogen oxide and dioxide
84	.Mn, Te, Re, Fe, Ru, Os, Co, Rh, Ir, Ni, Pd, Pt	119	SULFUR CONTAINING
85	SYNTHETIC OR NATURAL RESIN	120	.Organic or sulfhydryl containing (e.g., mercaptan, hydrogen, sulfide, etc.)
86	PEPTIDE, PROTEIN OR AMINO ACID	121	..Only hydrogen sulfide
87	.Glycoproteins (e.g., hormone, etc.)	122	.Sulfur dioxide
88	..Albumin	123	.Total or elemental sulfur
89	.Amino acid or sequencing procedure	124	HALOGEN CONTAINING
90	..Alpha or beta amino acid	125	.In aqueous solution
91	HETEROCYCLIC CARBON COMPOUND (I.E., O, S, N, SE, TE, AS ONLY RING HETERO ATOM)	126	.Carbon containing compound (e.g., vinylchloride, etc.)
92	.Diverse hetero atoms in same or different rings (e.g., alkaloids, opiates, etc.)	127	OXYGEN CONTAINING
93	.Hetero-O (e.g., ascorbic acid, etc.)	128	.Carbonyl, ether, aldehyde or ketone containing
94	..Saccharide (e.g., DNA, etc.)	129	..Carboxylic acid
95	...Glucose	130	..Formaldehyde or acetone
96	.Hetero-N	131	.Hydroxyl containing
97	..Bile pigment	132	..Ethanol
98	..Plural nitrogen in the same ring (e.g., barbituates, creatinine, etc.)	133	.Inorganic carbon compounds
99	...Uric acid	134	..Carbon monoxide only
100	INORGANIC ACID OR BASE (E.G., HCL, SULFURIC ACID, ETC.)	135	.Ozone or peroxide
101	.Halogen containing	136	.Molecular oxygen
102	.Sulfur containing	137	..Fuel/air mixture or exhaust gas analysis
103	PHOSPHORUS CONTAINING	138	..Dissolved or trace oxygen or oxygen content of a sealed environment
104	.Organic (e.g., chemical warfare agents, insecticides, etc.)	139	HYDROCARBON
105	.Of inorganic phosphorus compound in body fluid	140	.Aromatic
106	NITROGEN CONTAINING	141	.Acyclic (e.g., methane, octane, isoparaffin, etc.)
107	.N-Nitroso containing (e.g., nitrosamine, etc.)	142	..Unsaturated (e.g., ethylene, diene, etc.)
108	.Urea or blood urea nitrogen	143	.Total hydrocarbon, flammability, combustibility (e.g., air-fuel mixture, etc.)
109	.Cyanide or isocyanide	144	HYDROGEN, PER SE
		145	CARBON CONTAINING
		146	.In an aqueous solution (e.g., TOC, etc.)
		147	MEASUREMENT INCLUDES TEMPERATURE CHANGE OF THE MATERIAL BEING ANALYZED (E.G., CALORIMETRY, ETC.)

- 822 IDENTIFIED HAPTEN
- 823 IMMUNOGENIC CARRIER OR CARRIER
PER SE
- 824 IMMUNOLOGICAL SEPARATION
TECHNIQUES
- 825 PRETREATMENT FOR REMOVAL OF
INTERFERING FACTORS FROM
SAMPLE
- 826 ADDITIVES (E.G., BUFFERS,
DILUENTS, PRESERVATIVES)
- 827 LECTINS
- 828 PROTEIN A
- 829 LIPOSOMES (E.G., ENCAPSULATION,
ETC.)

CROSS-REFERENCE ART COLLECTIONS

- RELATED TO CHEMICAL TESTING
- 900 BREATH TESTING
- 901 DRUGS OF ABUSE (E.G., NARCOTICS,
AMPHETAMINE, ETC.)
- 902 DOSIMETER
- 903 DIAZO REACTIONS
- 904 OXIDATION - REDUCTION INDICATORS
- 905 PHOTOCHEMICAL ACTIVATION OF
REACTIONS
- 906 FERTILITY TESTS
- 907 FETAL LUNG MATURITY
- 908 GRAVIMETRIC ANALYSIS
- 909 NEPHELOMETRY
- 910 IRON-BINDING CAPACITY OF BLOOD

FOREIGN ART COLLECTIONS

FOR CLASS-RELATED FOREIGN DOCUMENTS

